

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000209

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C07D241/44, 409/04, C08G73/02, H05B33/14, 33/22//H01M14/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C07D241/44, 409/04, C08G73/02, H05B33/14, 33/22//H01M14/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), REGISTRY (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1361244 A1 (NISSAN CHEMICAL INDUSTRIES LTD.), 12 November, 2003 (12.11.03), Full text & US 2003/0215701 A1 & JP 2004-83563 A	1-34
X	CHEN, C. et al., Tissue schizonticide of malaria parasite: synthesis of derivatives of 2-substituted phenoxyprimaquine, 4-methylprimaquine and quinoxaline, Yaoxue Xuebao, 1992, Vol.27, No.6, pages 418 to 422	1
X	JP 7-70306 A (Idemitsu Petrochemical Co., Ltd.), 14 March, 1995 (14.03.95), Particularly, Par. No. [0025] & WO 95/4770 A1 & JP 7-53705 A	1

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
08 February, 2005 (08.02.05)

Date of mailing of the international search report
22 February, 2005 (22.02.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000209

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 11-506123 A (Pfizer Inc.), 02 June, 1999 (02.06.99), Particularly, pages 74, 103, 138 & WO 97/32873 A1 & EP 885212 A1	1
X	JP 2000-509730 A (Pfizer Inc.), 02 August, 2000 (02.08.00), Particularly, page 24 & WO 98/38186 A1 & EP 973766 A1	1
X	JP 2003-55351 A (Air Products and Chemicals, Inc.), 26 February, 2003 (26.02.03), Particularly, Par. No. [0004] & EP 1279668 A1 & US 6548670 B1 & US 2003/0158411 A & US 2003/0166934 A & US 6750343 B2	1
X	Database CAPLUS on STN, AN 1997:615604, DN 127:293190, NOWAK, K. et al., Mass spectra of selected aminopicrylzanaphthalenes, Czasopismo Techniczne (Krakow), 1996, Vol.93, No.6, pages 22 to 28	1
X	THOMAS, K.A. et al., An electrochemical, Spectroscopic, and theoretical study of poly(2,3-diaminophenazine), Journal of Electroanalytical Chemistry, 2001, Vol.501, No.1-2, pages 235 to 240	15
A	JP 2000-53956 A (Toyo Ink Manufacturing Co., Ltd.), 22 February, 2000 (22.02.00), Full text (Family: none)	1-34

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000209

The compounds represented by the formulae (1a), (1b), (1c), and (1d) given in the claims involve an extremely large number of compounds. However, the compounds which are supported by the description in the meaning of Article 6 of the PCT and are disclosed in the meaning of Article 5 of the PCT are limited to an extremely small part of those compounds.